

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

This Document contains information affecting the National Defense of the United States, within the meaning of Title 18, Sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law. The reproduction of this form is prohibited.

SECRET/CONTROL - U.S. OFFICIALS ONLY
SECURITY INFORMATION

COUNTRY	Rumania	REPORT		25X1
SUBJECT	The Ovidiu I and III Power Stations on the Danube-Black Sea Canal. (Ministry of Power and Electricity).	DATE DISTR.	11 May 1953	
		NO. OF PAGES	2	
DATE OF INFO.		REQUIREMENT NO.	RD	
PLACE ACQUIRED		REFERENCES		25X1

This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

25X1

1. Electromontaj, a department of the Ministry of Power and Electricity, is responsible for the construction of power stations, transformers, and high-tension lines. A special section of the department built all electrical installations in the Danube-Black Sea Canal area, including the three power stations at Ovidiu, near Capul Midia. Stations I and III have been completed, but station II, the largest, is still under construction.
2. Ovidiu No. I is a large power station of approximately 10,000 h.p. It supplies the station itself, the town of Constanta, the 35,000 volt station, the town of Capul Midia, and the large Soviet excavators in the area. The station has four diesel engines with parallel generators, three of which are naval-type engines of 2,800 h.p. each and the fourth is a naval-type engine of 2,500 h.p. 25X1
The engines are started with solar oil and then operated on mazut. The engines and generators are arranged in a row in a large room with the switchboard and indicators in front of the engines and the 6,000 volt generator behind the switchboard. In the engine hall there are a mobile, three cubic meter tank for solar oil and an overhead travelling crane for lifting machine parts.
3. The two transformers which raise the 6,000 volts to 35,000 volts are outside and behind the engine room. They are of Soviet make, 2,500 KW A, with rotary separators, automatic switches, and collector shafts.
4. The equipment of the 35,000 volt station are of German make, Sachsenwerke. They had been taken by the Soviets as war compensation and sold to the Rumanian government. Three cables from this 35,000 volt station supply the entire Canal area with current; two cables go to Medgidia and one to Cernavoda.
5. A locksmith shop, a mechanical workshop, and an office are located on one side of the engine room; two transformers, which reduce the 6,000 volts to 380 volts for light and power for the station, are located on the other side.

25 YEAR
RE-REVIEW

SECRET/CONTROL - U.S. OFFICIALS ONLY

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC						
-------	---	------	---	------	---	-----	---	-----	--	-----	--	--	--	--	--	--

(Note: Washington Distribution Indicated By "X"; Field Distribution By "4")

SECRET/CONTROL - U.S. OFFICIALS ONLY

25X1

- 2 -

The accumulator used to compensate the generators and supply the emergency line is on the same side as the transformers.

6. Foundation for engines and generators, pumps for solar oil, tanks for pre-heating mazut, and cables of the power station are in a basement under the engine room. The cables of the 35,000 volt station, which have two sets of collector shafts and one coupling cell, are also in this basement.
7. Ovidiu No. II is planned to be the largest power station in Rumania. Work was begun in 1951 and is to be completed in 1952. This station is to produce 24,000 KW. Its power is to be produced by thermo-generators, which are to be supplied and installed by the Soviets. Ovidiu No. II is to consist of the power station itself, one transformer station at Medgidia, and one transformer station at Cernavoda.
8. Ovidiu No. III is a small power station which supplies light for Ovidiu No. I and the entire Canal area. The station has three diesel engines with parallel generators, two of which are [redacted] of 250 h.p. each and the third a 450 h.p. diesel of unknown make. It also has three closed transformers for 6,000 volts and a lightning conductor. Ovidiu No. III is connected by three cables to Ovidiu I, 120 meters distant.
9. Nine giant, Soviet Azoustal excavators, with scoops capable of lifting three cubic meters of earth and mounted on arms ten meters long, are in use in the Canal area. Current is taken from the 6,000 volt, high-tension cables (from Ovidiu No. I) wherever the excavators are working. Each excavator has a transformer and six motors for lifting the scoop, turning the arms, emptying the scoop, and moving the caterpillar tracks. Each excavator is operated by one electrician and one mechanic.
10. The following personalities are known:
 - a. Carp, fnu, the Administrative Director in Bucharest, [redacted]
[redacted]
 - b. Pana Corneliu, chief engineer of Ovidiu No. III and manager of the area,
[redacted]
 - c. Manduc, fnu, the Director of the Electromontaj department of the Ministry in Bucharest, [redacted]
[redacted]

25X1

25X1

25X1

25X1

SECRET/CONTROL - U.S. OFFICIALS ONLY